



CLAIMS

What is claimed is:

1. A sport helmet consisting of a rigid outer shell having a body and front portion, rear and fabric web retention straps.
2. A helmet assembly as in claim 1 in which rigid shell comprises left and right ear portions of chin strap assembly, fastening means are adjacent to the lower ends of rigid shell ear portions.
3. A helmet assembly in which chinstrap assembly includes adjustable length means for fastening opposite ends of chinstrap.
4. A helmet assembly as in claim 3 including a concave under chin trauma protective device embodiment Velcro TM strap attached on opposite ends by Velcro TM fastening means to chinstrap adjustable assembly straps of helmet.
5. The under chin trauma protective trauma device provides a shock absorbing cushion in compression of chin into chest area in trauma sport accident.
6. The back strap is formed from rear distal Y strap portion cupping the rear opposite sides of wearers head as in claim 2.
7. The back strap member attached and is part of unitary retention system of sport helmet to form Y shape cupping ears and extending downward to form lower legs of chinstrap on opposite sides of wearers head.
8. A horizontal Velcro TM strap with member protective trauma device, concave to shape of neck to fit under occipital protuberance of helmet wearer has Velcro TM opposite sides fastening means to attach to rear distal Y straps of helmet as in claim 7.
9. The horizontal Velcro TM strap with protective trauma device provides for a shock absorbing cushion to protect the cervical spine sport in the

backward trauma flexion of the head in a sport accident.

10. The protective trauma device is made of plastic, rubber, polyethylene, semi rigid elastic material.

11. A material of sufficient strength and elasticity to absorb trauma impact.

12. Protective trauma device can be made an integral part of retention system of claim 1.

13. A helmet retention system with adjustable protective trauma devices under chin and under occipital protuberance area as in claim 4 and 8.

14. The scope of the invention should be determined by the appended claims and their legal equivalents. Present invention has many specificities and should not be construed as limiting the scope of invention, but to provide illustrations of some of the presently preferred embodiments of this invention.